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	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
-	09/648,656	08/25/2000	Thomas T. Buzzell	99-722	6372	
	7590 03/11/2004		ı	EXAM	EXAMINER	
	Jeffrey L Myers			GART, MATTHEW S		
	Caterpillar Inc					
	Intellectual Property Department AB6490			ART UNIT	PAPER NUMBER	
	100 N E Adams Street			3625		
	peoria, IL 616	29-6490		DATE MAILED: 03/11/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

4		1			
	Application No.	Applicant(s)			
Advisory Action	09/648,656	BUZZELL ET AL.			
Advisory Action	Examiner	Art Unit			
	Matthew s Gart	3625			
The MAILING DATE of this communication appe	ears on the cover sheet with the c	orrespondence address			
THE REPLY FILED FAILS TO PLACE THIS APP Therefore, further action by the applicant is required to a final rejection under 37 CFR 1.113 may only be either: (' condition for allowance; (2) a timely filed Notice of Appel Examination (RCE) in compliance with 37 CFR 1.114.	1) a timely filed amendment whi	cation. A proper reply to a ch places the application i	in		
PERIOD FOR RE	EPLY [check either a) or b)]				
a) The period for reply expiresmonths from the mailing date of the final rejection.					
b) The period for reply expires on: (1) the mailing date of this Adverse, however, will the statutory period for reply expire later the ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f).	an SIX MONTHS from the mailing date o FILED WITHIN TWO MONTHS OF TH	f the final rejection. E FINAL REJECTION. See MPE	P		
Extensions of time may be obtained under 37 CFR 1.136(a). The dath have been filed is the date for purposes of determining the period of extending CFR 1.17(a) is calculated from: (1) the expiration date of the shortened (b) above, if checked. Any reply received by the Office later than three more patent term adjustment. See 37 CFR 1.704(b).	sion and the corresponding amount of the d statutory period for reply originally set in	fee. The appropriate extension for the final Office action; or (2) as se	ee under et forth in		
1. A Notice of Appeal was filed on <u>February 23, 2004</u> . 37 CFR 1.192(a), or any extension thereof (37 CF			in		
2. The proposed amendment(s) will not be entered b	ecause:				
(a) \( \square\) they raise new issues that would require furth	er consideration and/or search (	see NOTE below);			
(b)  they raise the issue of new matter (see Note I	below);				
(c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or					
(d) they present additional claims without cancel NOTE:	ling a corresponding number of	finally rejected claims.			
3. Applicant's reply has overcome the following rejections.	ction(s):				
	l be allowable if submitted in a s	eparate, timely filed amer	ndment		
5. The a) affidavit, b) exhibit, or c) request fo application in condition for allowance because:		sidered but does NOT plac	ce the		
6. The affidavit or exhibit will NOT be considered be raised by the Examiner in the final rejection.	cause it is not directed SOLELY	to issues which were new	vly		
7. For purposes of Appeal, the proposed amendment explanation of how the new or amended claims w			า		
The status of the claim(s) is (or will be) as follows:					
Claim(s) allowed:					
Claim(s) objected to:					
Claim(s) rejected:					
Claim(s) withdrawn from consideration:					
8. $\square$ The drawing correction filed on is a) $\square$ app	proved or b)□ disapproved by	the Examiner.			
9. Note the attached Information Disclosure Stateme	nt(s)(PTO-1449) Paper No(s).				
. Other:					
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